

## INTERNATIONAL SEARCH REPORT

PCT/IT 03/00738

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 A01D34/00 A01D34/535 A01D43/08

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 A01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 899 866 A (KLIER WERNER ADOLPH) 19 August 1975 (1975-08-19) column 2, line 57 -column 3, line 3 column 5, line 38 - line 49; figures 1-4 --- US 5 070 683 A (EGGENMUELLER ALFRED) 10 December 1991 (1991-12-10) column 6, line 30 - line 46 column 7, line 63 -column 8, line 52; figures 7,13,14 --- GB 2 260 683 A (BRIGGS IRRIGATION ;BRIGGS (GB); SINGLEHURST MICHAEL ARTHUR (GB)) 28 April 1993 (1993-04-28) page 2, paragraph 6 -page 4, paragraph 2; figures ---	1-5, 9-12,14  1,2,4-6, 8-11,13, 14  1,4,5, 9-12,14  -/--

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*V\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

1 April 2004

Date of mailing of the international search report

08/04/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel: (+31-70) 340-2040, Tx. 31 651 epo nl  
Fax: (+31-70) 340-3016

Authorized officer

Bunn, D

## INTERNATIONAL SEARCH REPORT

PCT/IT 03/00738

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 23 20 126 A (NAT RES DEV) 31 October 1973 (1973-10-31) page 6, paragraph 6 -page 7, paragraph 3 page 14, paragraph 4; figures 1,8 ---	1,4,5, 9-12,14
X	FR 2 771 894 A (RECANATI MICHEL) 11 June 1999 (1999-06-11) page 5, line 1 -page 6, line 4; figure 2 ---	1
X	GB 1 014 197 A (ANTON BERTIL GROENBERG) 22 December 1965 (1965-12-22) page 1, line 84 -page 2, line 35; figure 1 -----	1

## Information on patent family members

PCT/IT 03/00738

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 3899866	A	19-08-1975	NONE			
US 5070683	A	10-12-1991	DE DE DE CA EP	3933818 A1 4000352 A1 4026930 A1 2026682 A1 0422624 A1	18-04-1991 11-07-1991 27-02-1992 11-04-1991 17-04-1991	
GB 2260683	A	28-04-1993	NONE			
DE 2320126	A	31-10-1973	DE FR US US	2320126 A1 2182988 A1 3977165 A 4077192 A	31-10-1973 14-12-1973 31-08-1976 07-03-1978	
FR 2771894	A	11-06-1999	FR	2771894 A1		11-06-1999
GB 1014197	A	22-12-1965	NONE			